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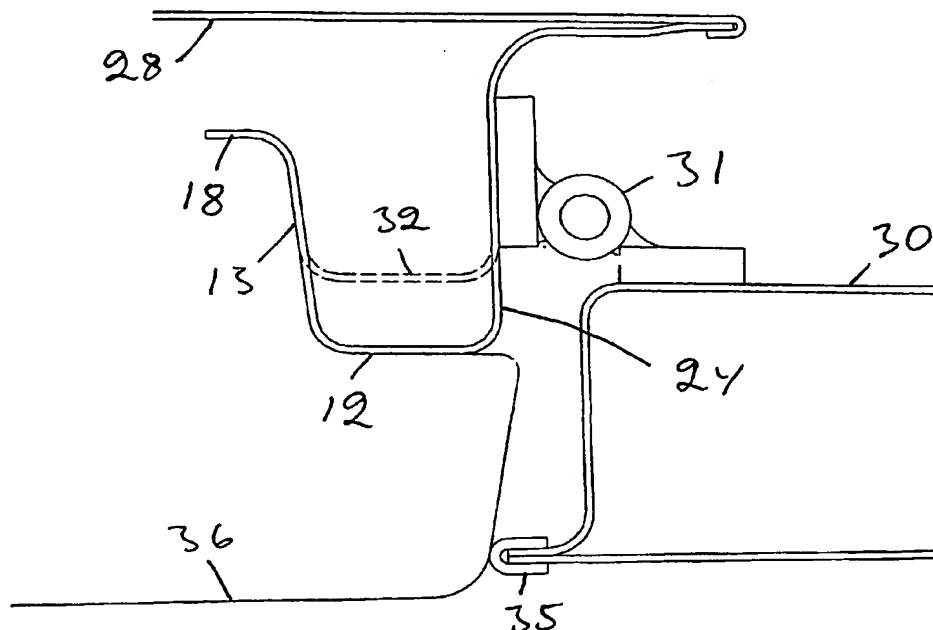
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(54) Title: A VEHICLE



(57) Abstract: A vehicle door has a supporting press formed frame (10) of high-strength steel that has two standing hat beams (13, 15) interconnected by an upper horizontal hat beam (14), a lower horizontal hat beam (16) and an intermediate side impact guard beam (22). The hat beams have their crowns (12) directed towards the interior of the vehicle and they carry an outer panel (28) by their outer side flanges (17). The standing hat beams (13, 15) have a profile height on at least a portion (23, 24, 28) of their length that overlaps the corresponding pillar (30, 34). Thereby, in a frontal crash, the frame of the door can transmit force from the A-pillar of the vehicle to the B-pillar.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B60J 5/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SE 518503 C2 (SSAB HARDTECH AB), 10 August 2002 (10.08.02) -----	1-8

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	
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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
SE 518503 C2	10/08/02	AU 3785201 A SE 0100409 A WO 02064390 A	17/09/01 10/08/02 22/08/02